**Mad Scientists and Mathematicians**

**Reflections**

**Lesson 3-CSI and the Albino bear**

1. What was your favorite part of the lesson?

* When the students made their alleles and another group came to investigate and determine the father.
* Being able to teach this using a hands-on experience so the students could actually see the tile to represent the alleles.
* The higher order questions that came from the students were very impressive. Students were encouraged to go to the internet to find some of the answers to the questions they were asking.
* This lesson was so easy to tie into real world examples. Students were excited to be doing activities that were similar to the shows they watch on television.

1. What worked well for the students?

* The color coded tiles made it visual; therefore it was easier for the students to comprehend.
* Putting the students into smaller groups got them more involved and interested in the lesson.
* The hook was motivational for the students. This is such a pertinent topic for this generation of children. Students in some of the groups pointed out the fact that we have an albino deer that comes by our school often.

1. Why is this important?

* This is a “real world” lesson. Students can identify to the importance of the concepts taught in this lesson.
* Genetic testing and medical research are based on DNA testing.
* The technology advancements on DNA testing have opened up so many career opportunities for integrating STEM.

1. What will you do in the future to improve the chance of this happening again?

-Review vocabulary terms prior to teaching the lesson.

-Purchase pop-beads or unifix cubes.

-Have the electrophoresis machine available for students to see how it works.